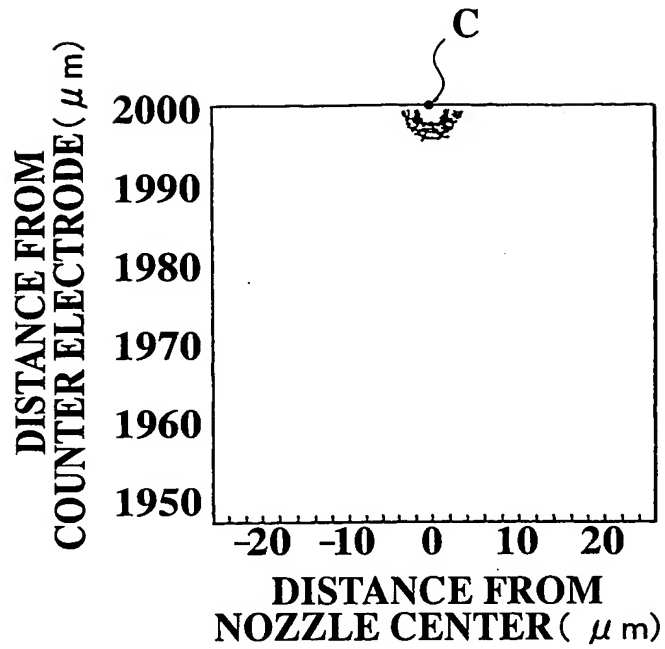
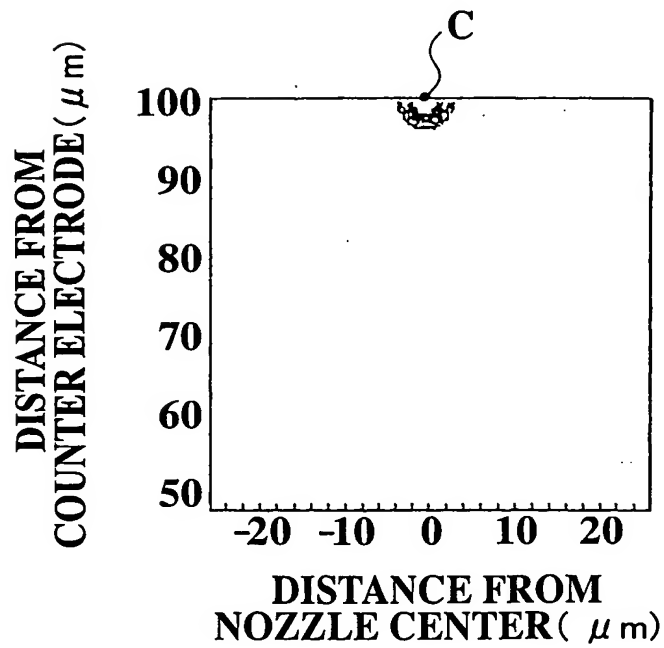
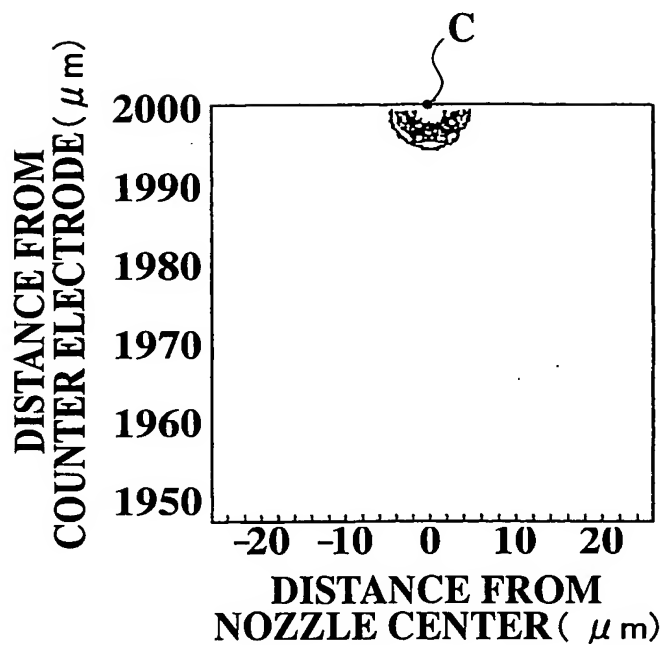
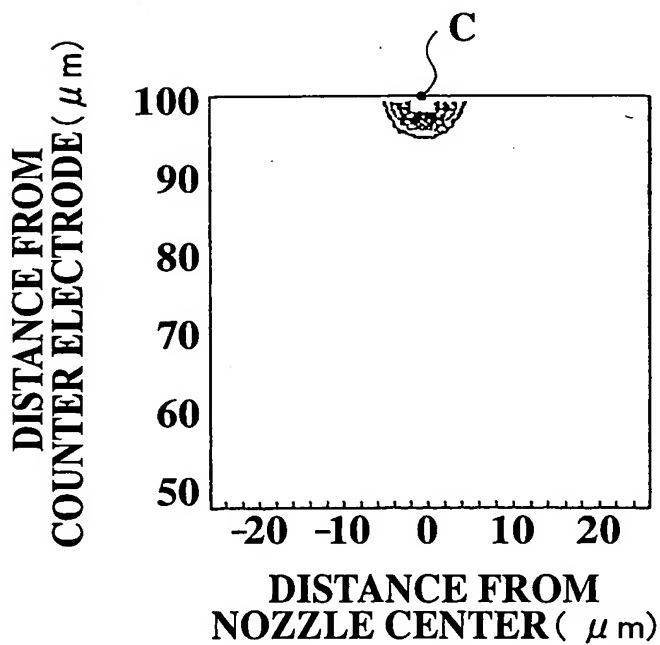


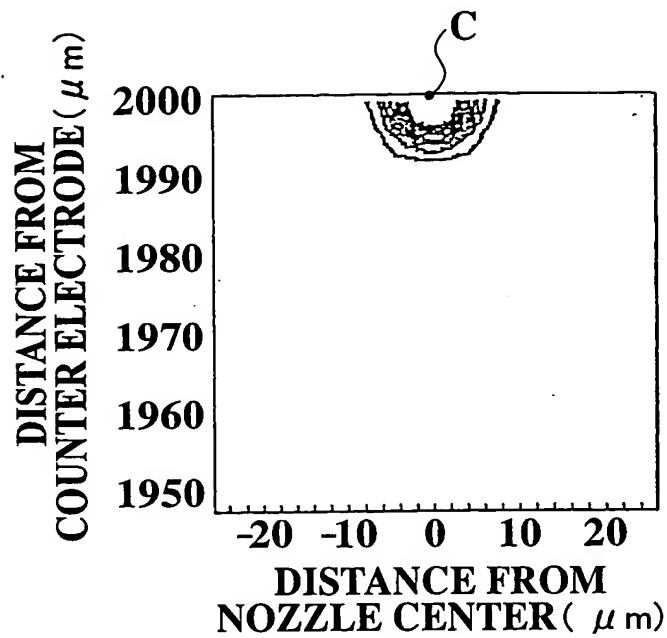
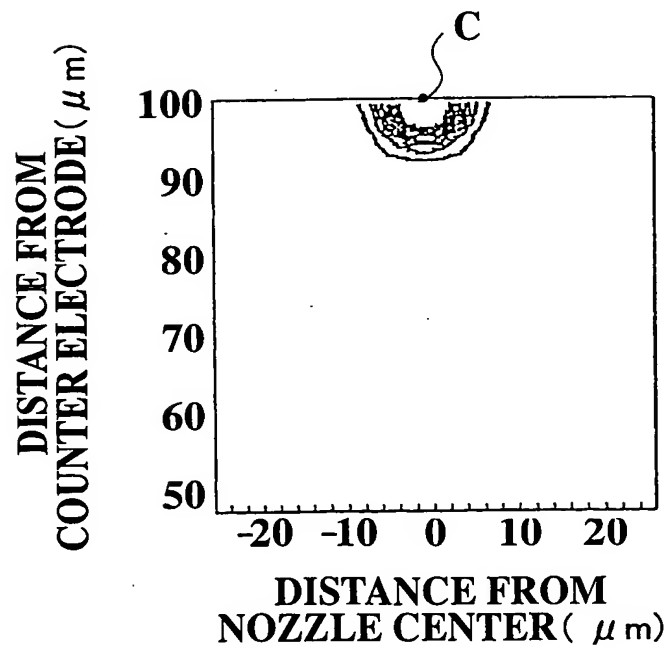
1/22

**FIG.1A****FIG.1B**

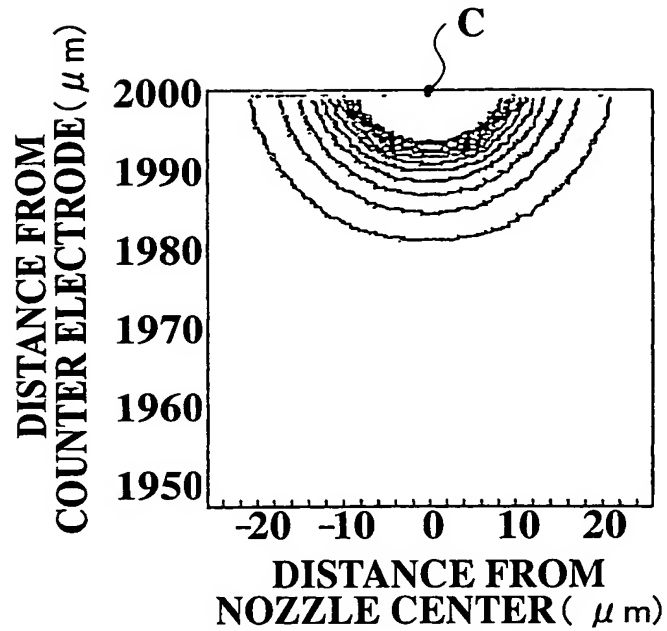
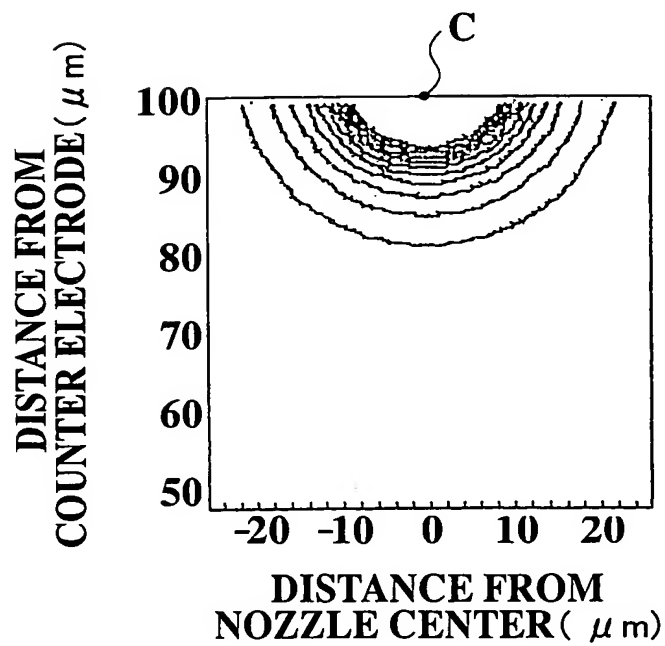
2/22

**FIG.2A****FIG.2B**

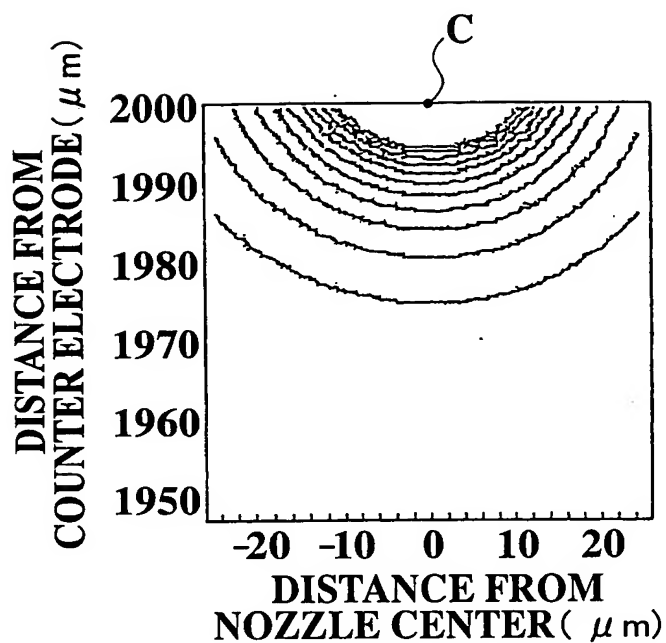
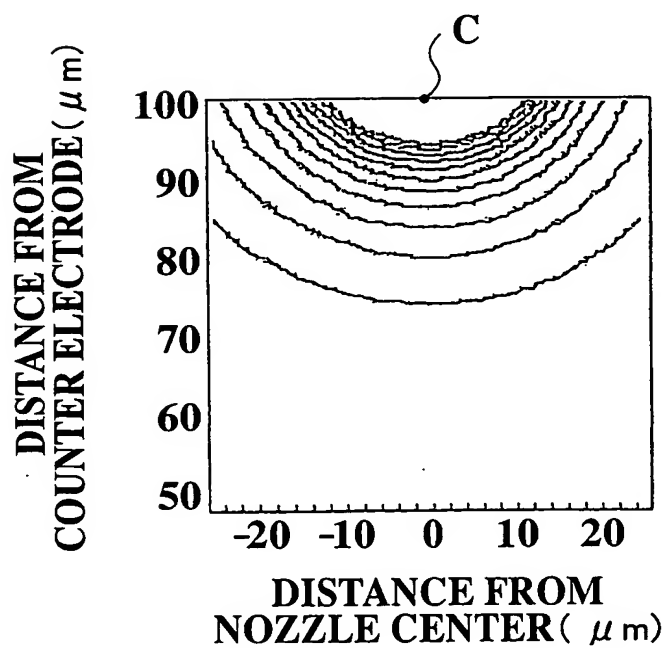
3/22

**FIG.3A****FIG.3B**

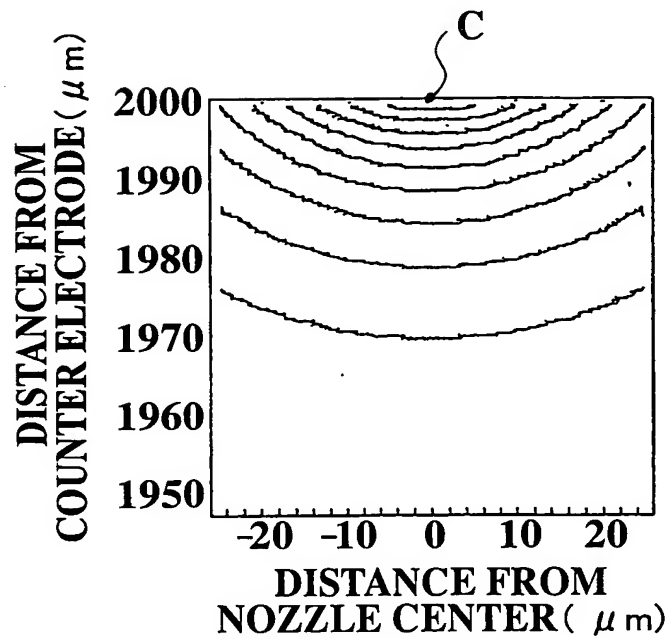
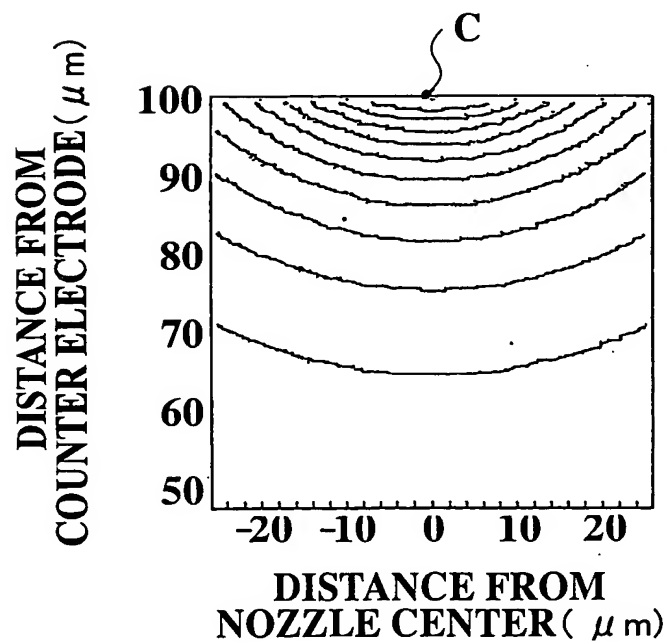
4/22

**FIG.4A****FIG.4B**

5/22

**FIG.5A****FIG.5B**

6/22

**FIG.6A****FIG.6B**

**FIG.7**

NOZZLE DIAMETER ( $\mu$ m)	MAXIMUM ELECTRIC FIELD INTENSITY(V/m)		COEFFICIENT OF FLUCTUATION (%)
	GAP100 ( $\mu$ m)	GAP2000 ( $\mu$ m)	
0.2	$2.001 \times 10^9$	$2.00005 \times 10^9$	0.05
0.4	$1.001 \times 10^9$	$1.00005 \times 10^9$	0.09
1	$0.401002 \times 10^9$	$0.40005 \times 10^9$	0.24
8	$0.0510196 \times 10^9$	$0.05005 \times 10^9$	1.94
20	$0.0210476 \times 10^9$	$0.0200501 \times 10^9$	4.98
50	$0.00911111 \times 10^9$	$0.00805 \times 10^9$	13.18

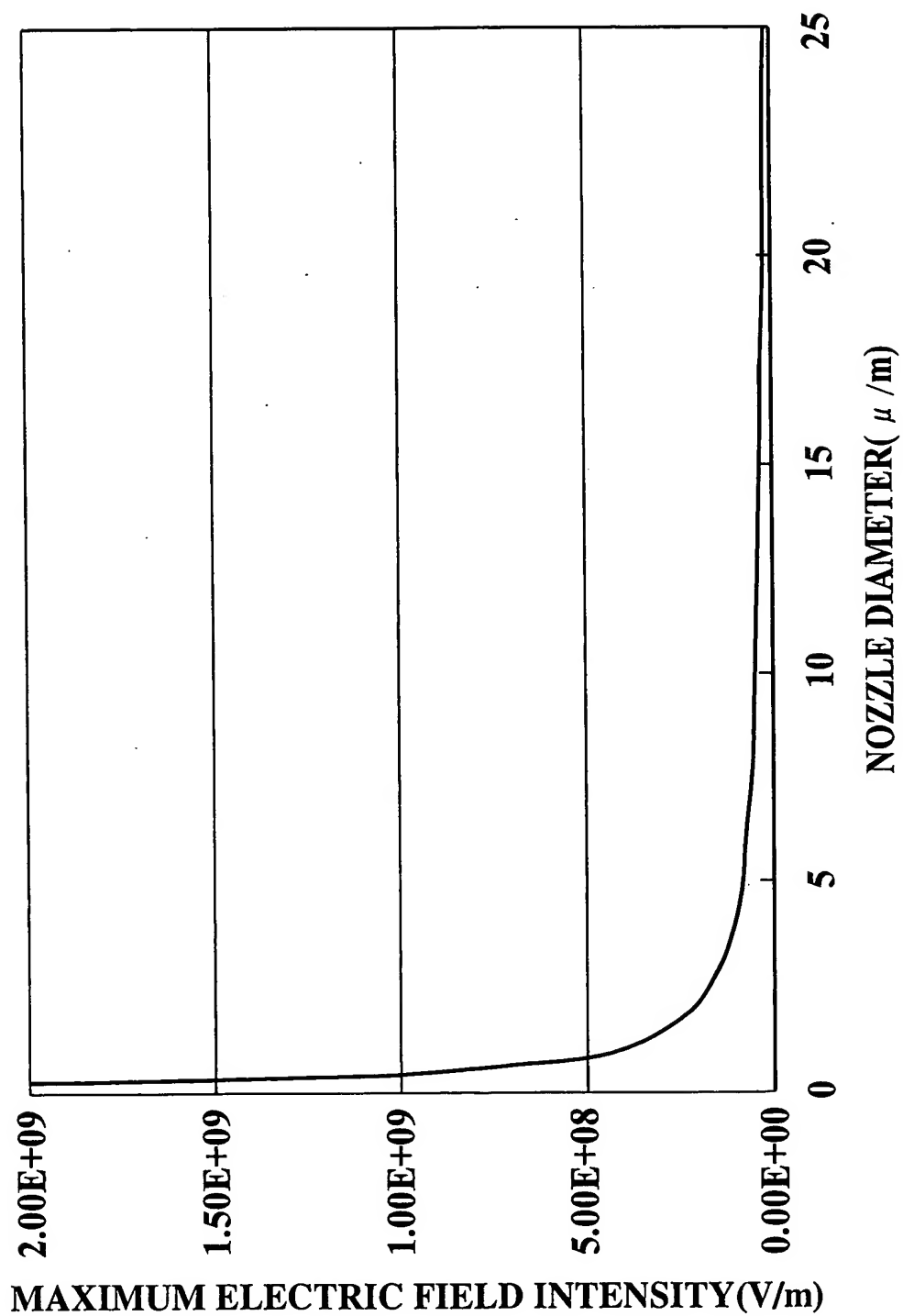
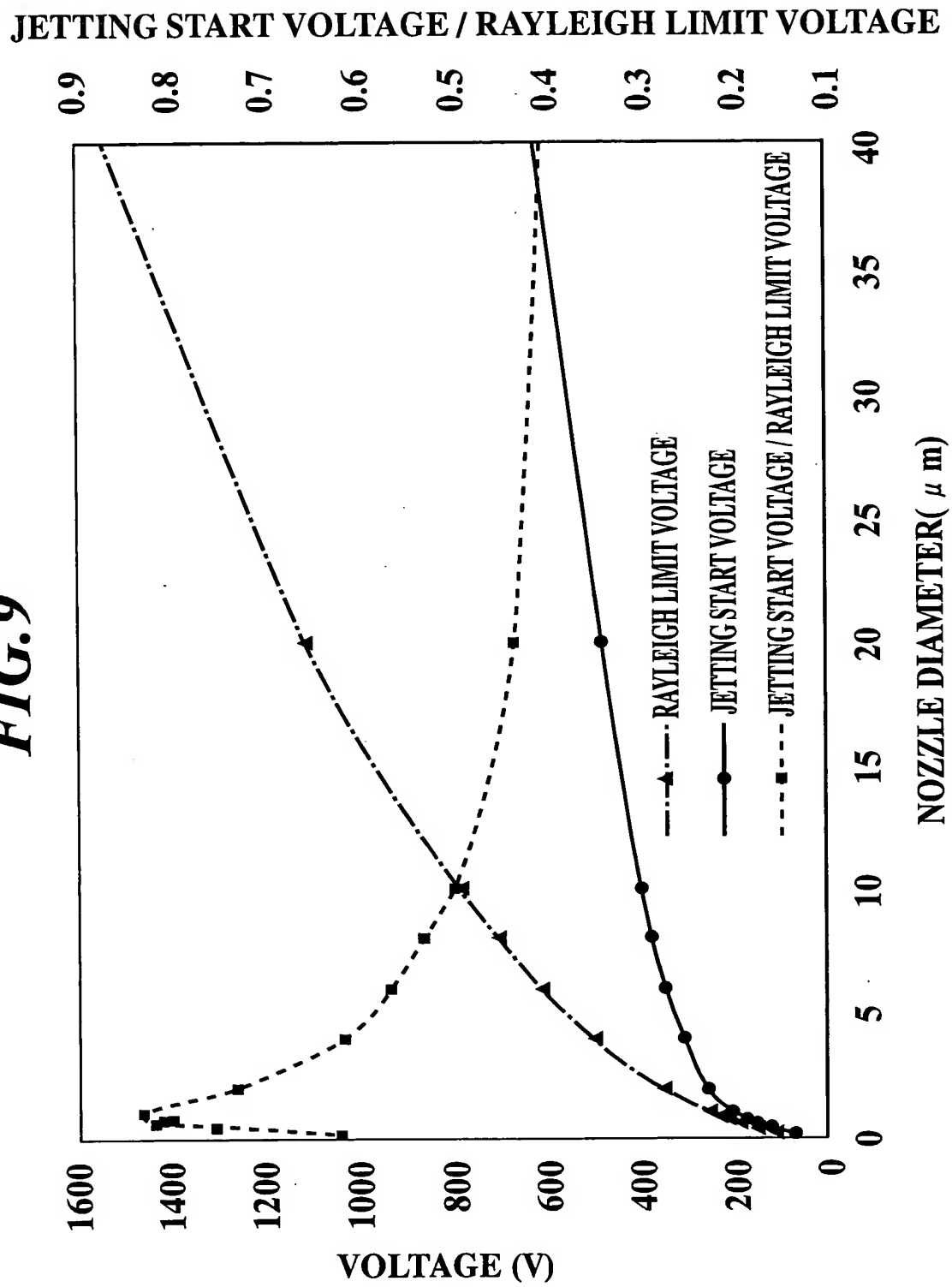
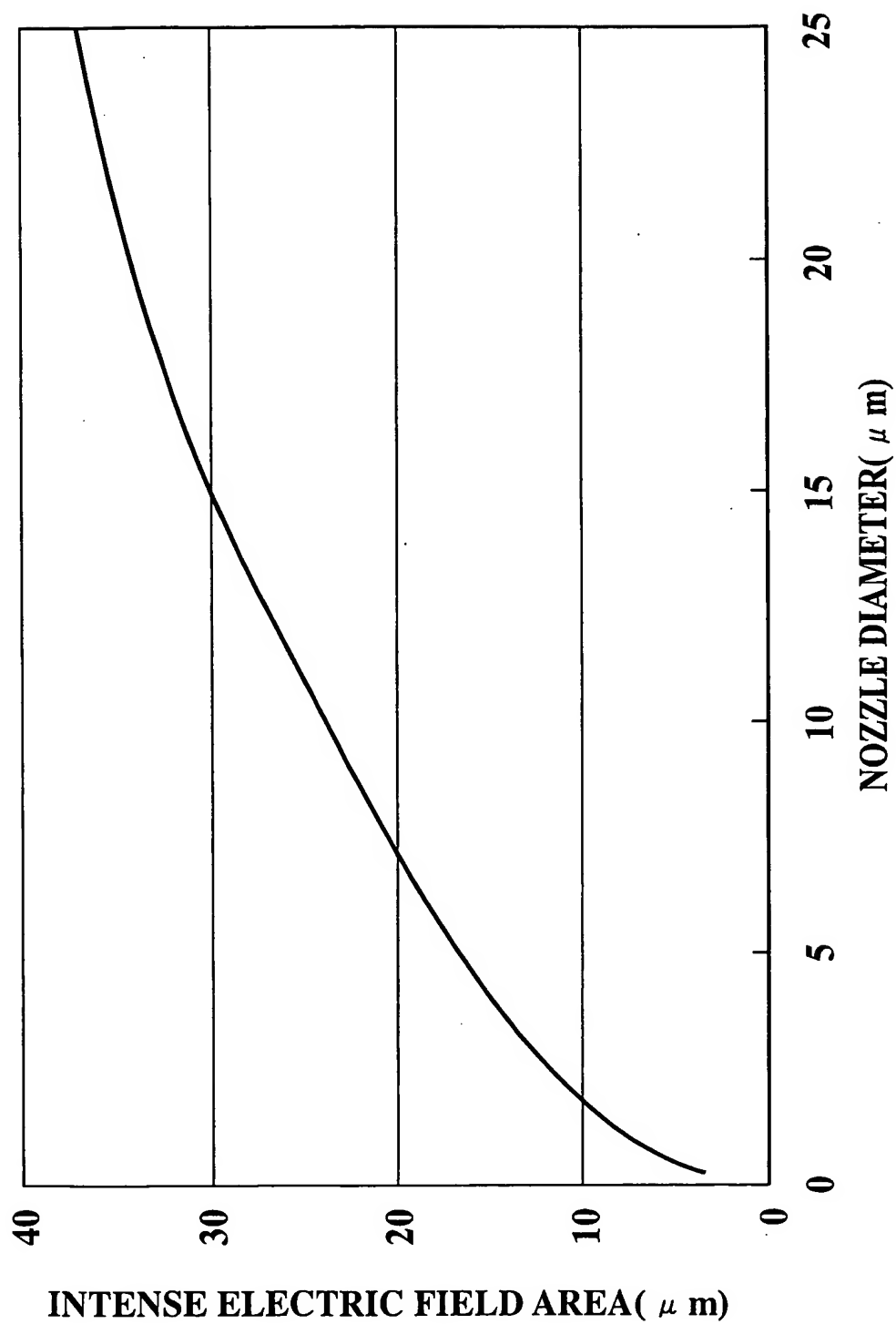
**FIG.8**



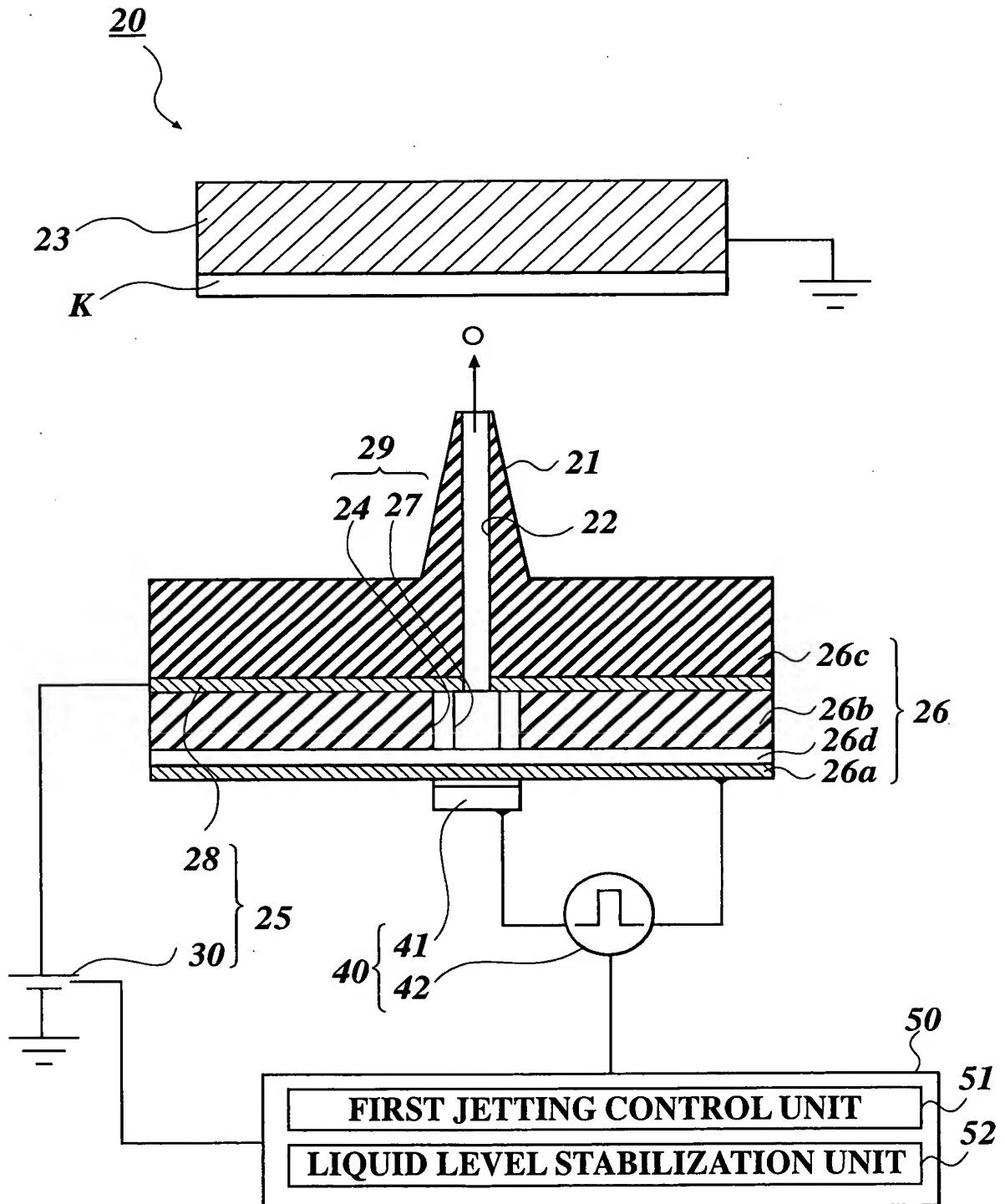
FIG.9



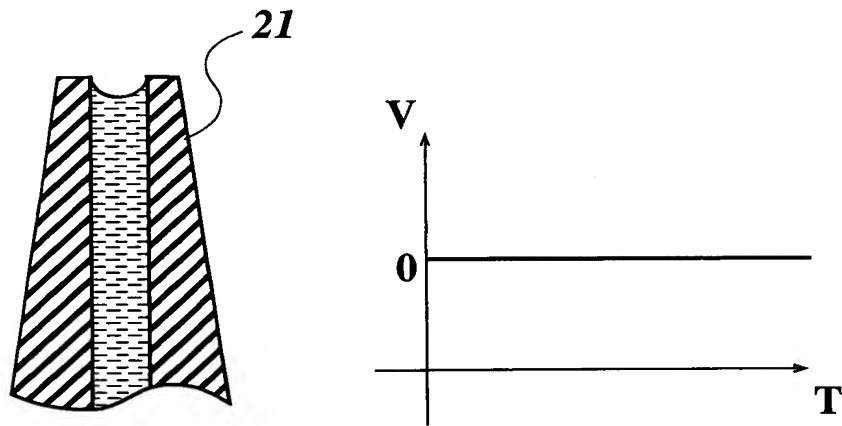
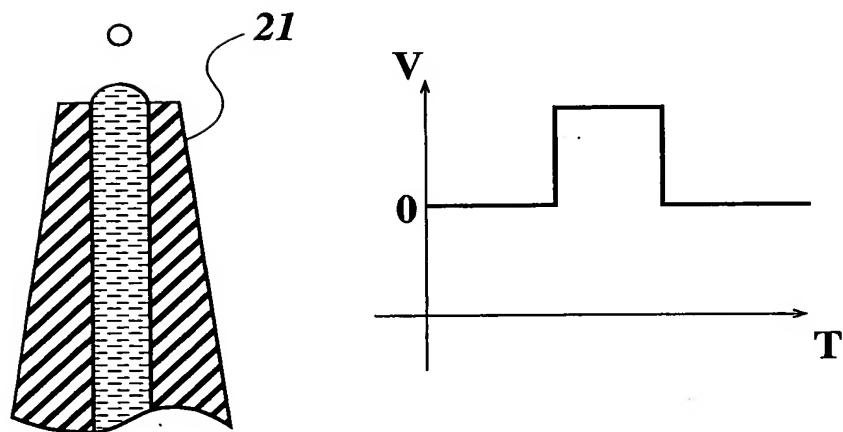
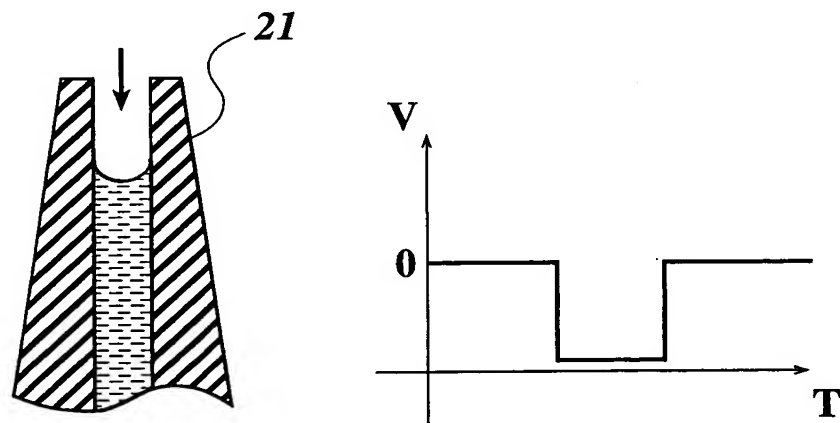
**FIG.10**

11/22

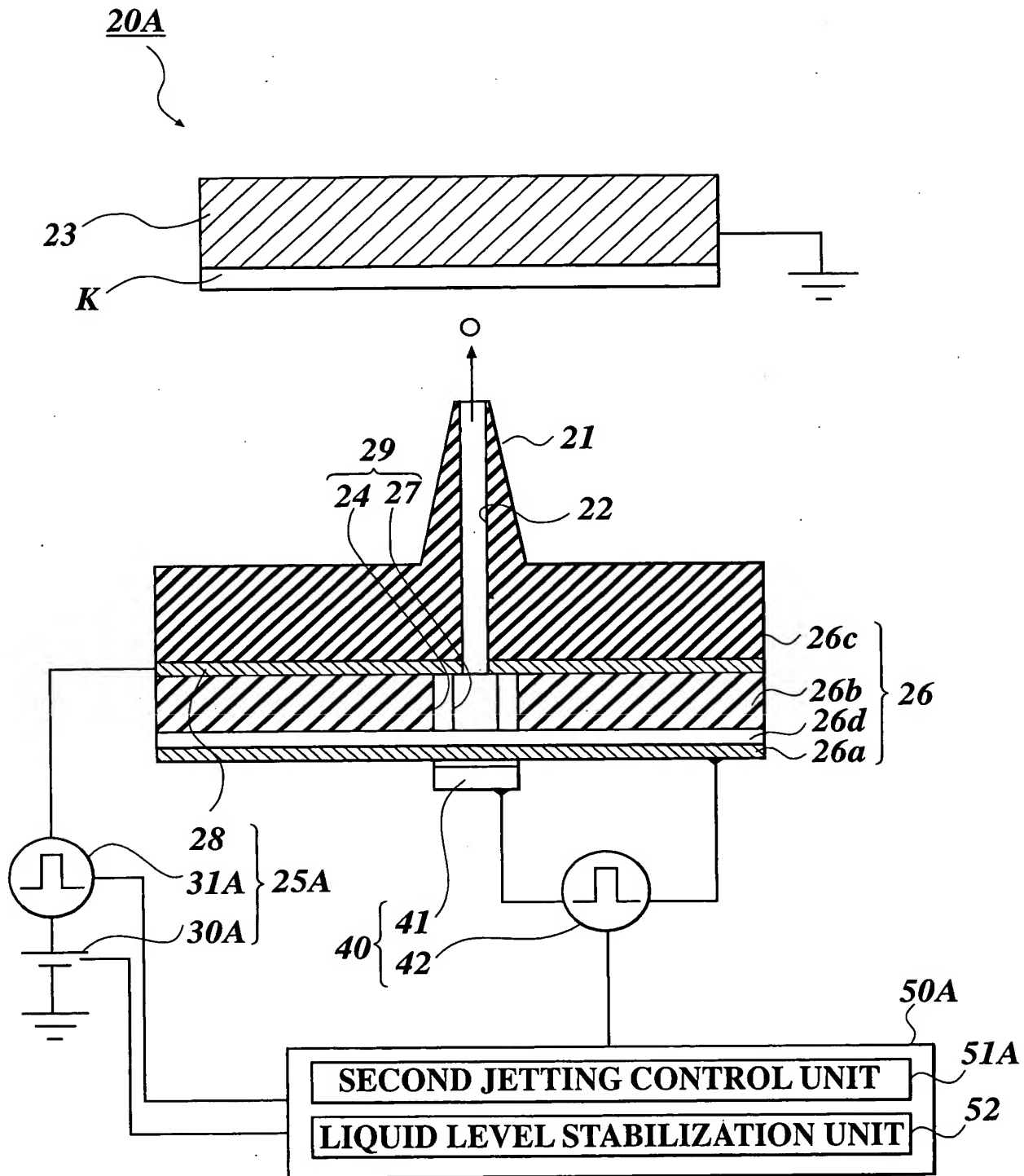
**FIG. 11**



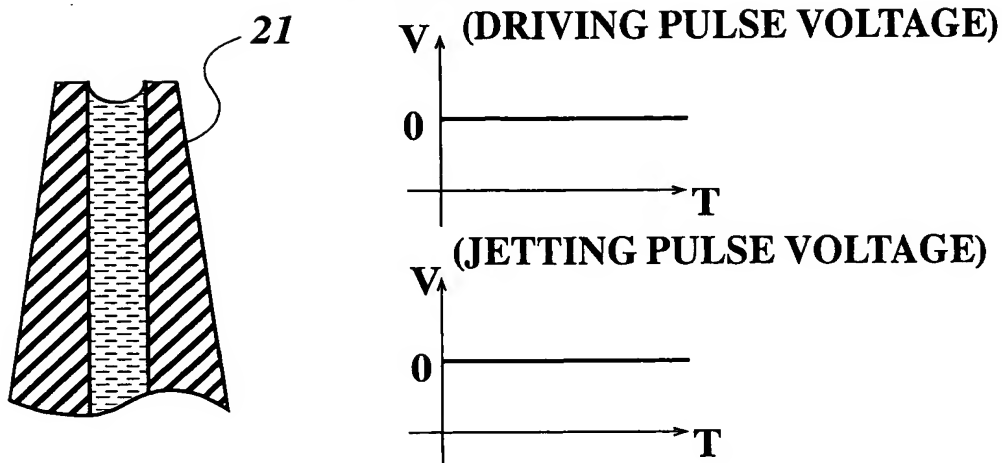
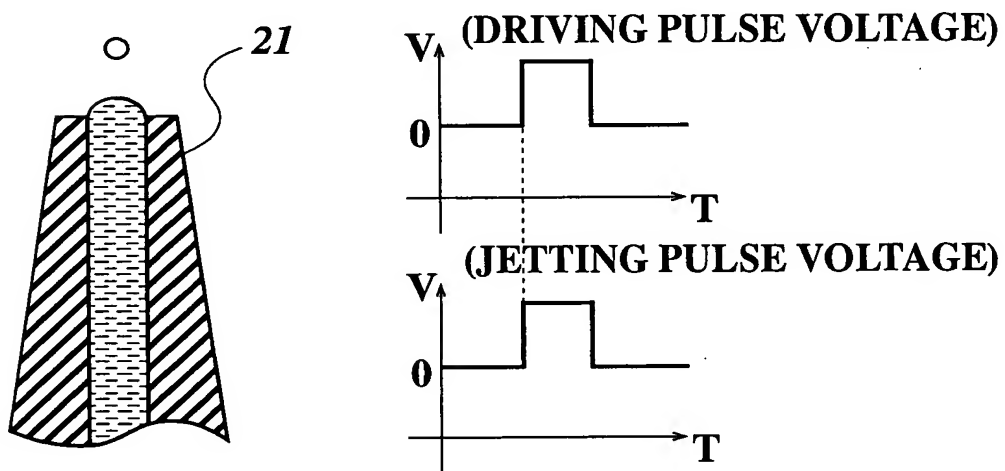
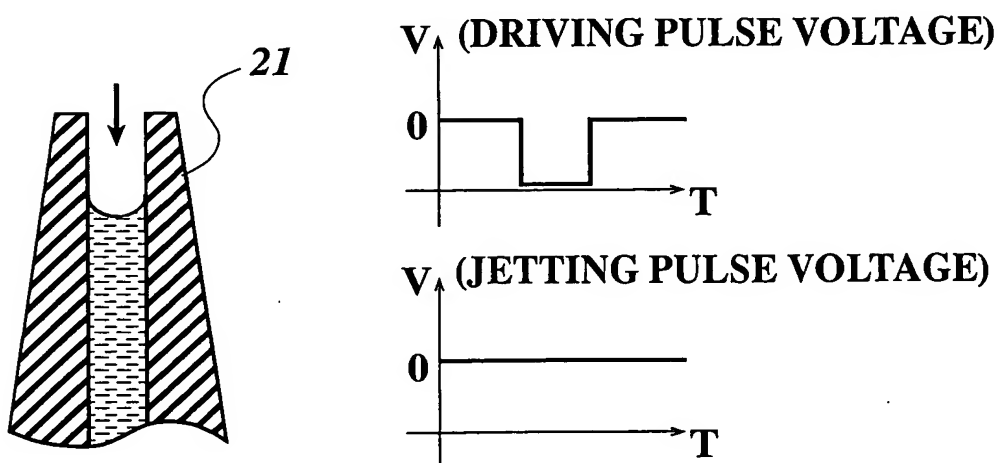
12/22

**FIG.12A****FIG.12B****FIG.12C**

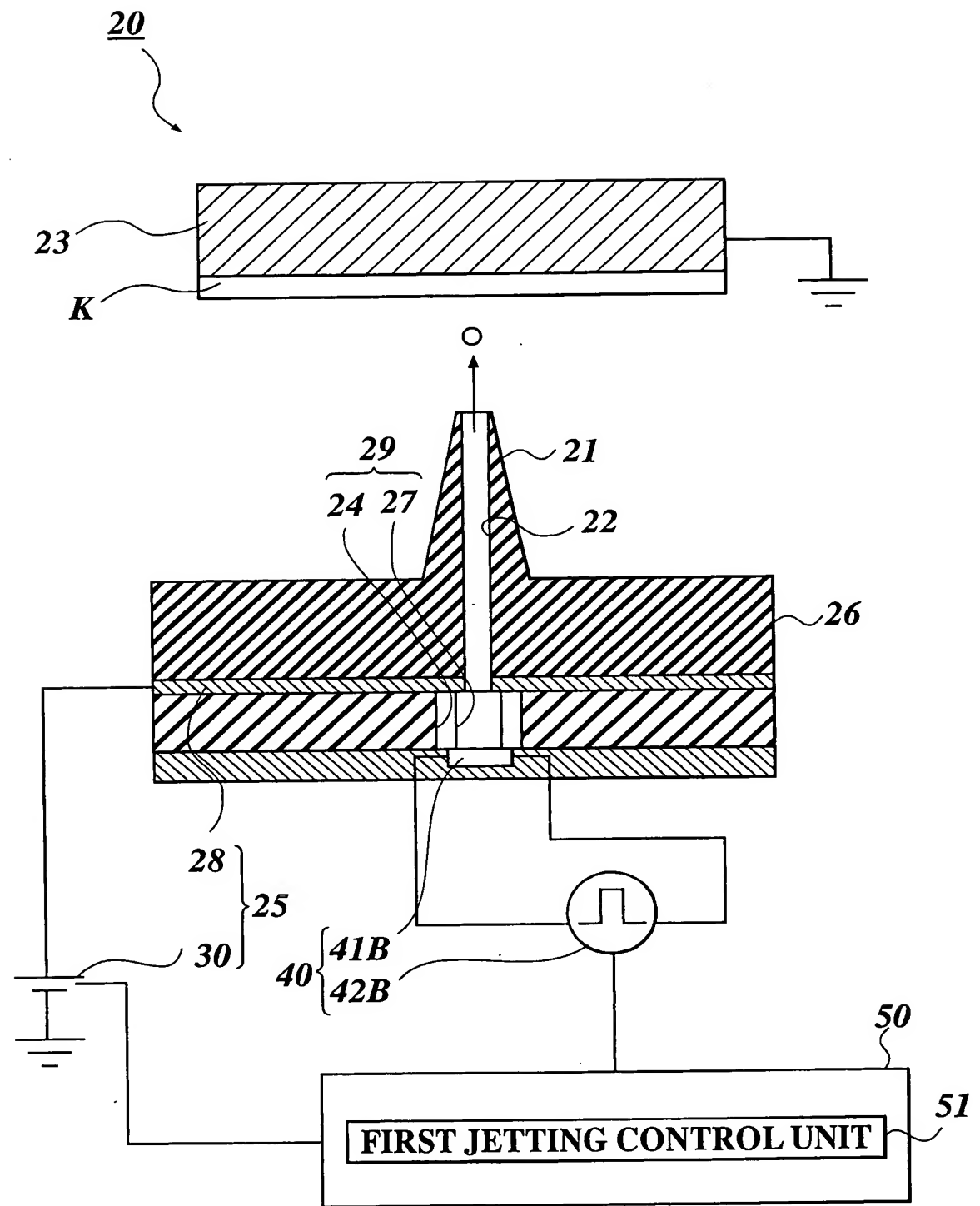
**FIG.13**

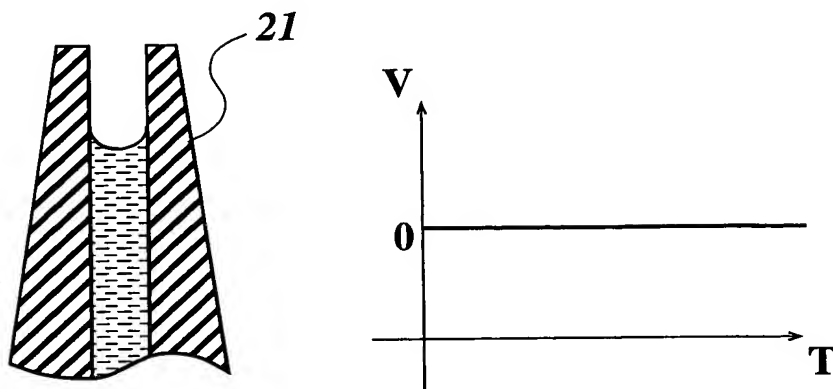
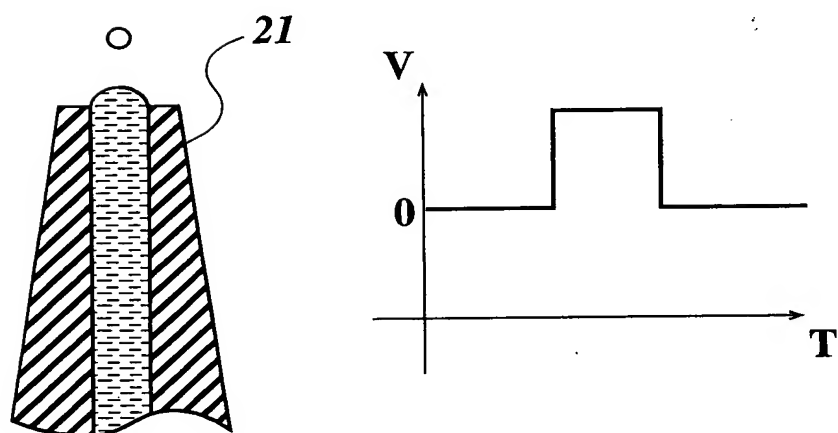
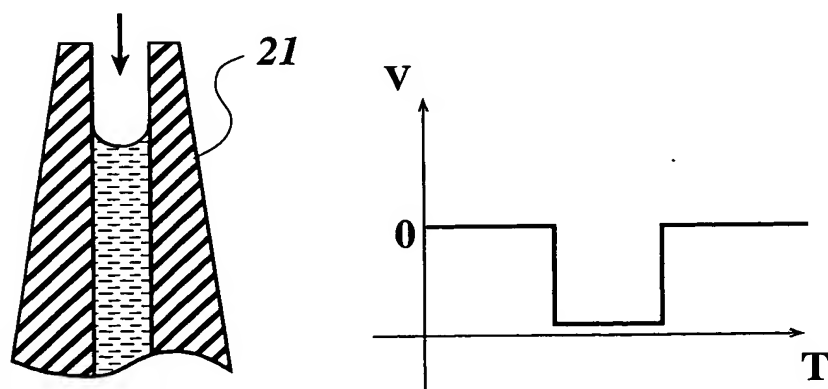


14 / 22

**FIG. 14A****FIG. 14B****FIG. 14C**

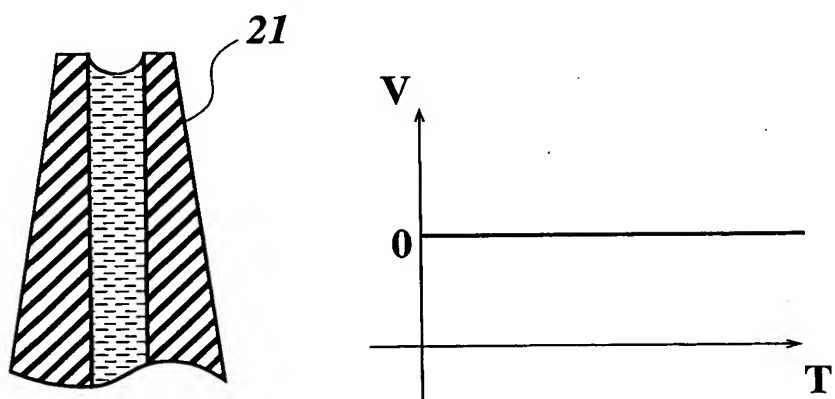
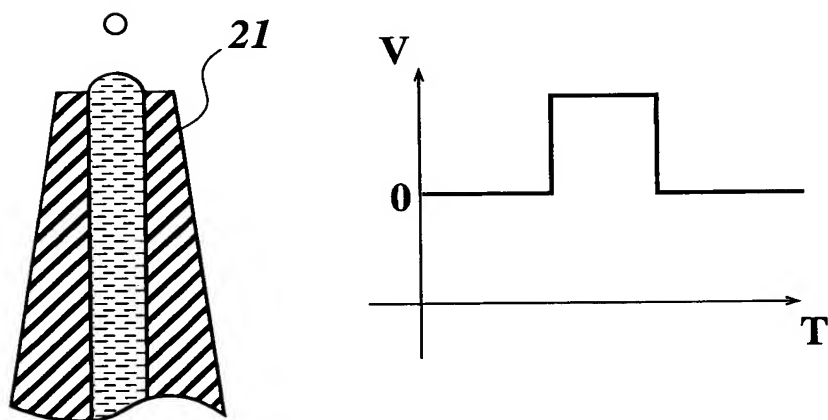
**FIG.15**



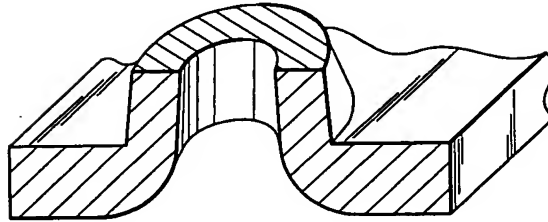
**FIG.16A****FIG.16B****FIG.16C**



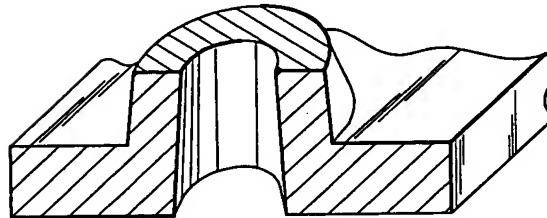
17 / 22

**FIG.17A****FIG.17B**

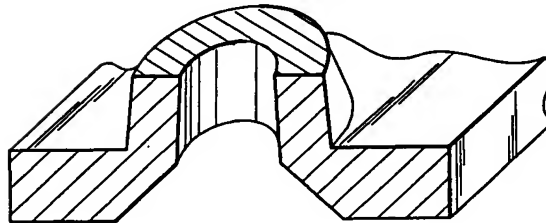
***FIG.18A***



***FIG.18B***

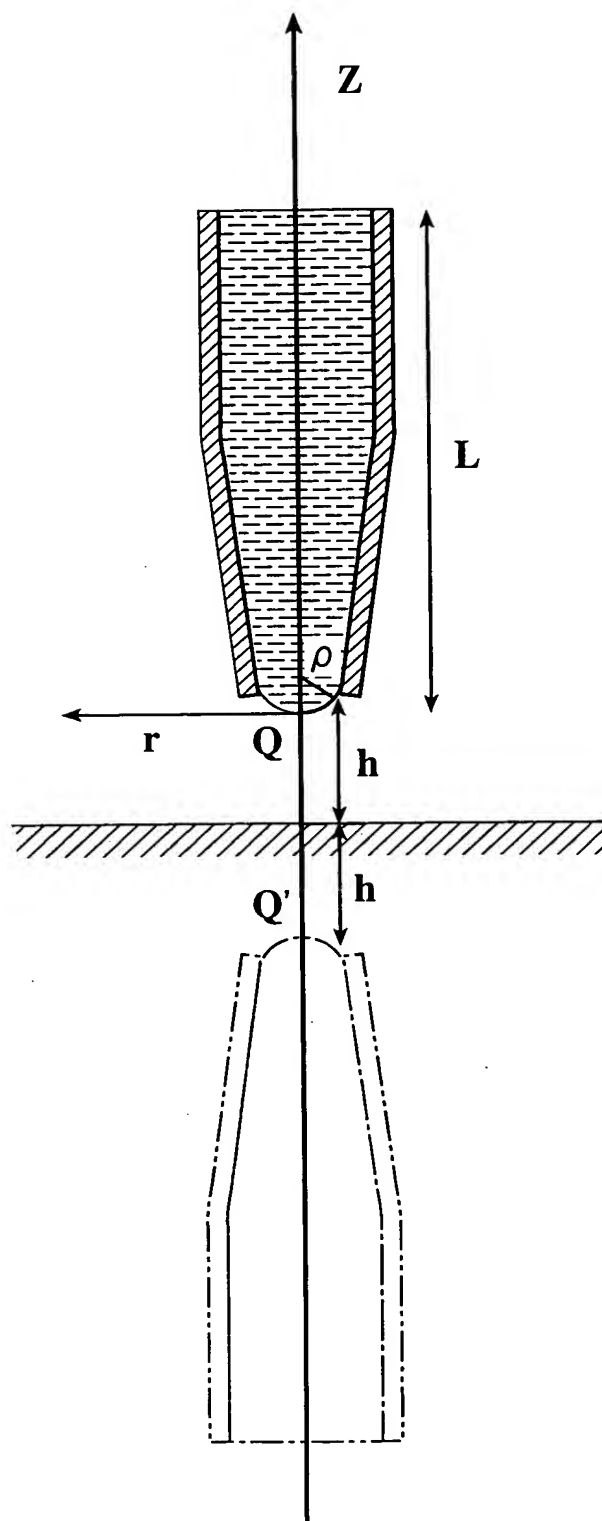


***FIG.18C***

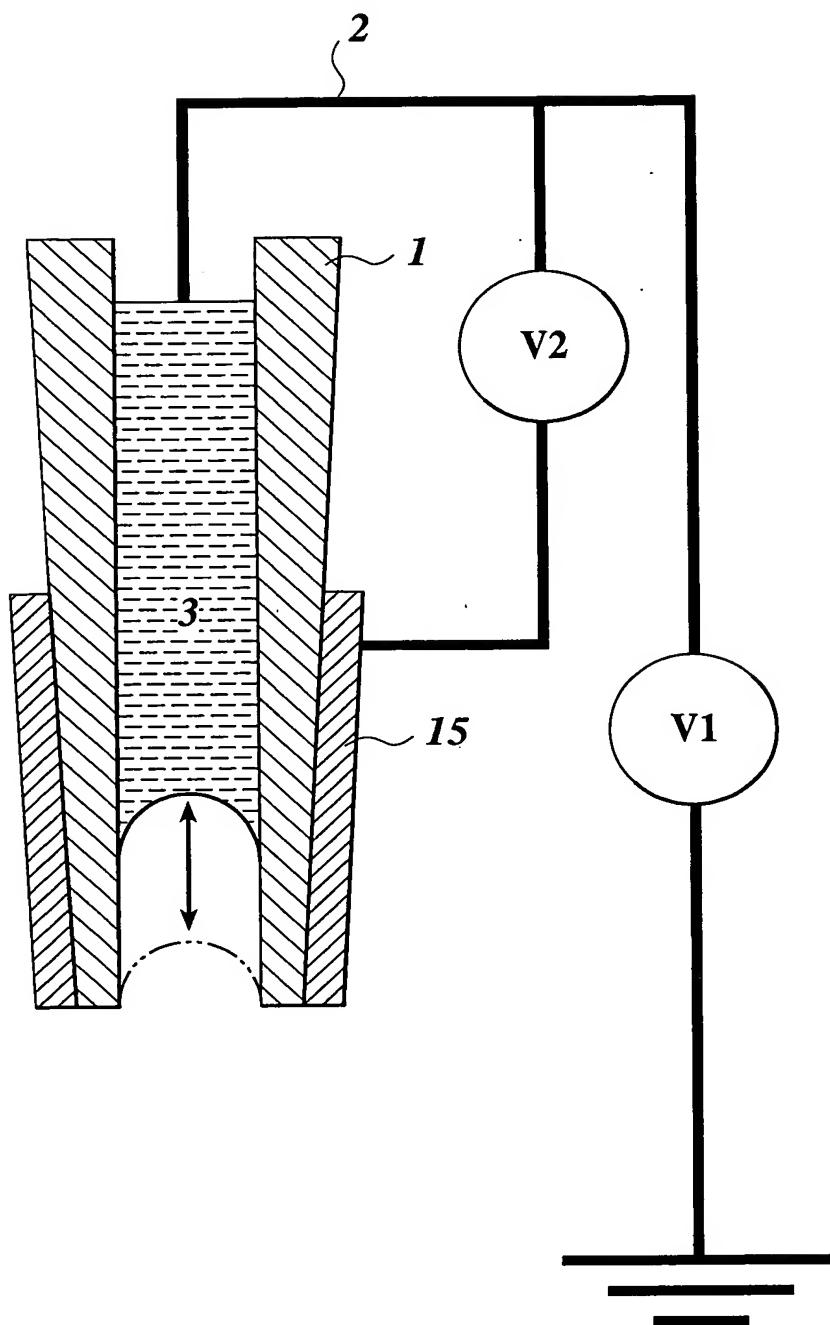


**FIG.19**

No.	CONTROL PATTERN	RESPONSIVENESS
1	Ⓐ	2
2	Ⓑ	3
3	Ⓒ	3.5
4	Ⓓ	4.0
5	Ⓔ	5.0
6	Ⓕ	3
7	Ⓖ	3.5

**FIG.20**

21/22  
**FIG.21**



22/22

**FIG.22**